PHASE I
SITE INSPECTION PRIORITIZATION REPORT
AND PASCORE PACKAGE
HARRIS CORPORATION SITE
KENNEDALE, TARRANT COUNTY, TEXAS
EPA ID NO.: TXD073149957

Prepared for:

U.S. Environmental Protection Agency
Region VI
1445 Ross Avenue, Suite 1200
Dallas, Texas 75202-2733

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Submitted by:

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April 1995

INTRODUCTION

Roy F. Weston, Inc. (WESTON®) is pleased to present this report which summarizes the results of the file review and PAscore package completed for the Harris Corporation site (TXD073149957) in Kennedale, Tarrant County, Texas. This effort is part of the Site Inspection Prioritization (SIP) Work Assignment for various sites in EPA Region VI and is based solely on file information provided by the EPA.

SITE BACKGROUND INFORMATION

The Harris Corporation site covers approximately 53 acres and is located at 501 S. Dick Price Road in Kennedale, Texas (Attachment 1, Figure 1). The site includes the Harris Corporation plant, administrative offices and a parking area. Site operations consisting of producing steel and cast iron printing press parts began in 1957, and as of 1983, the plant was still active.

From the site photographs in the 1983 EPA Site Information (SI) Report prepared on 24 May 1983, most of the site appears to be undeveloped. According to the 1983 SI, there is an on-site pit with an estimated capacity of 4000 cubic feet (20 feet x 20 feet x 10 feet) to the east of the plant on part of the undeveloped tract. The pit is assumed to be unlined. In addition, there is an area adjacent to the parking lot that was reportedly used to dump construction wastes.

Before 1981, the Harris Corporation used Trimsol as a coolant/lubricant. Since 1981, Cimcool has been used. Both materials are listed as non-hazardous, but Cimcool is shipped as a hazardous waste. A citizen complaint filed on 9 June 1981 claims that generated wastes were dumped in a pit on the eastern edge of the site. The complaint was verified by Harris Corporation personnel who indicated that on different occasions between 1969 and 1971, the pit was used for coolant and machine oil dumping. The exact quantities of wastes disposed of in the pit were not given.

Wastes reportedly generated at the site include coolants, lubricants, and hydraulic and machine oils. According to the 1983 SI, the wastes produced on-site are temporarily stored in drums until shipped off-site and recycled. Prior to storing the wastes in drums, a tank truck was used for on-site waste storage. When the truck reached capacity, the waste was transported to the Fort Worth landfill for disposal.

HRS SCORING

Using the data provided by the EPA from the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980 files, WESTON developed a Hazard Ranking System (HRS) score (Attachment 2) for the site using PAscore (Version 2.0). The site received a score of 14. The waste characteristics and migration pathway scoring factors are discussed in the following paragraphs.

SOURCE WASTE CHARACTERISTICS

The wastes generated onsite are stored in drums. The major chemical compound used at the facility is Cimcool, which is listed as non-hazardous by its manufacturer. Cimcool and other wastes are temporarily stored in approximately 90 drums on-site prior to shipment to and disposal at a recycling facility. Consequently, a total of 90 drums was designated as a potential hazardous waste source.

The on-site disposal pit reportedly received coolant and machine oil wastes between 1969 and 1971 but the amount of waste disposed of in the pit is not known. Two soil boring samples were completed on 17 August 1983 at the pit. Analytical results of the samples showed no levels of metals above mean ambient background. Organic analysis indicated the presence of pentane at 0.0038 to 0.053 parts per million (ppm). Other organics which were also detected in the boring samples were present in the sample blank. The pit was approximately 20 feet x 20 feet x 10 feet (4000 cubic feet). No samples were taken near the area with construction debris and this area was not considered to be a potential waste source.

MIGRATION AND EXPOSURE PATHWAYS

The groundwater pathway scored 20, primarily because of the proximity of secondary targets. The depth to groundwater at the site is approximately 50 feet with overlying permeable soils. A community well (greater than 15 connections), which supplies the City of Kennedale with water for residential and industrial purposes is located approximately 1 mile northeast of the site. No analytical results were available regarding this well. Therefore, the well and the corresponding population were treated as secondary targets.

The surface water pathway scored a 20, primarily due to the proximity of secondary fisheries and sensitive environments. According to the Kennedale, Texas 7.5-minute quadrangle map, runoff from the site enters perennially flowing water at Village Creek, located approximately 0.3 mile west of the site. Village Creek meanders for approximately 2.3 miles until discharging into Lake Arlington. Both surface water bodies are used for contact recreation and for the propagation of fish and wildlife. There was no reported evidence of a release of contaminants within the water bodies, and therefore a release to surface water is not suspected.

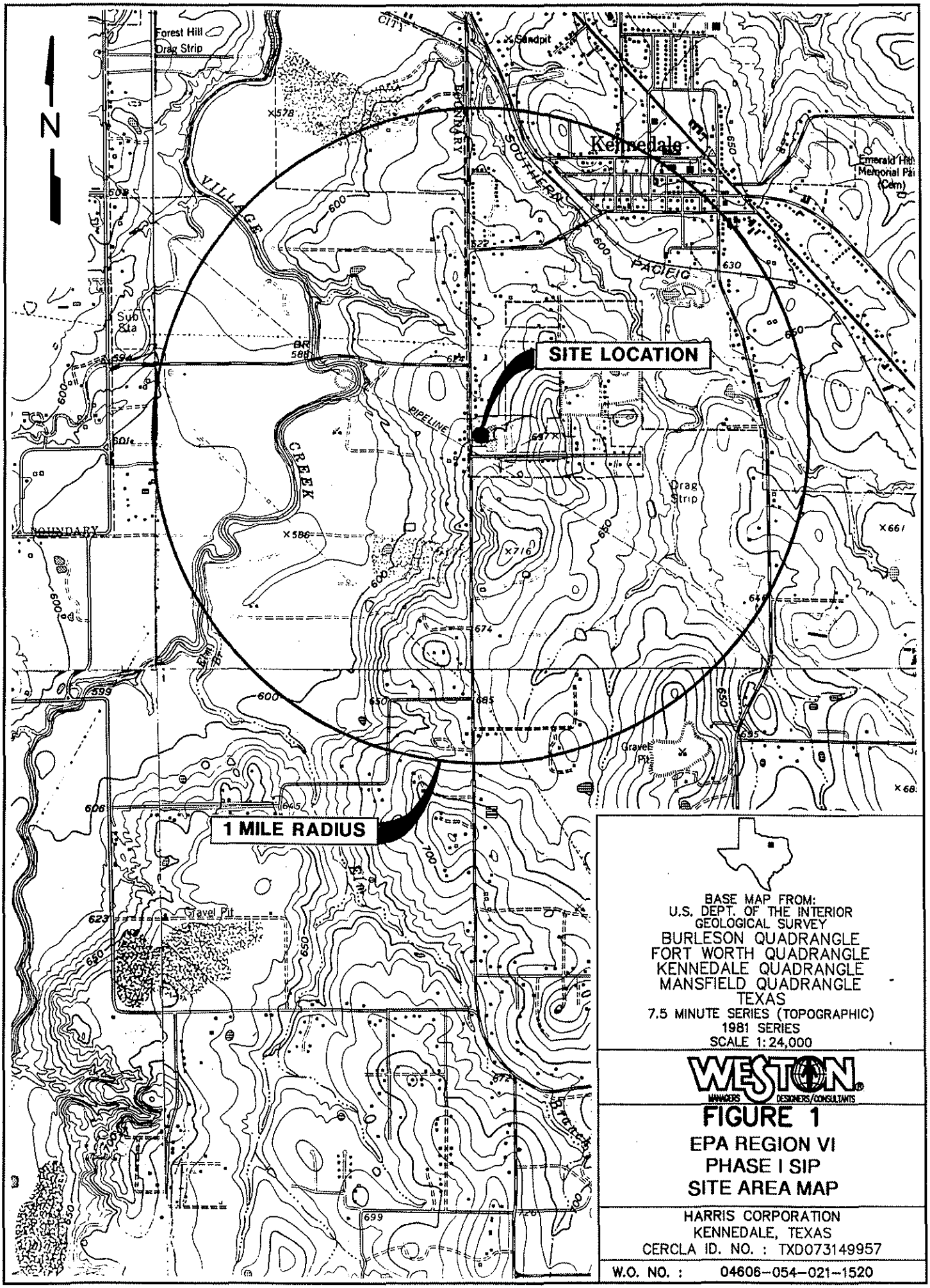
The soil exposure pathway scored a 2. According to the 1983 SI, there are approximately 350 people who live within ½ mile of the site. There is no indication of a fence surrounding the site which would prevent site access. High permeable soils are found throughout the site and could transmit surface contaminants to the underlying formations. However, drums on-site are well-contained and the pit samples showed no significant levels of contaminants.

The air pathway scored a 3. No release to the air pathway is suspected, and the score was due to nearby population being treated as secondary targets.

CONCLUSIONS

The Harris Corporation site is located at 501 S. Dick Price Road in Kennedale, Tarrant County, Texas. The site scored a 14 using PAscore (Version 2.0). The plant, in operation since 1957, produces steel and cast iron parts for printing presses. Generated wastes at the facility consist of coolants, lubricants and hydraulic oils. Periodically from 1969 to 1971, some of the wastes were dumped into an on-site pit. Analysis of the samples collected from the pit on 17 August 1983, revealed the presence of only one organic constituent at relatively low concentrations. The wastes are currently stored temporarily in drums on-site until they are shipped off-site for recycling.

ATTACHMENT 1



BASE MAP FROM:
U.S. DEPT. OF THE INTERIOR
GEOLOGICAL SURVEY
BURLESON QUADRANGLE
FORT WORTH QUADRANGLE
KENNEDALE QUADRANGLE
MANSFIELD QUADRANGLE
TEXAS
7.5 MINUTE SERIES (TOPOGRAPHIC)
1981 SERIES
SCALE 1:24,000

WESTON
MANAGERS DESIGNERS/CONSULTANTS

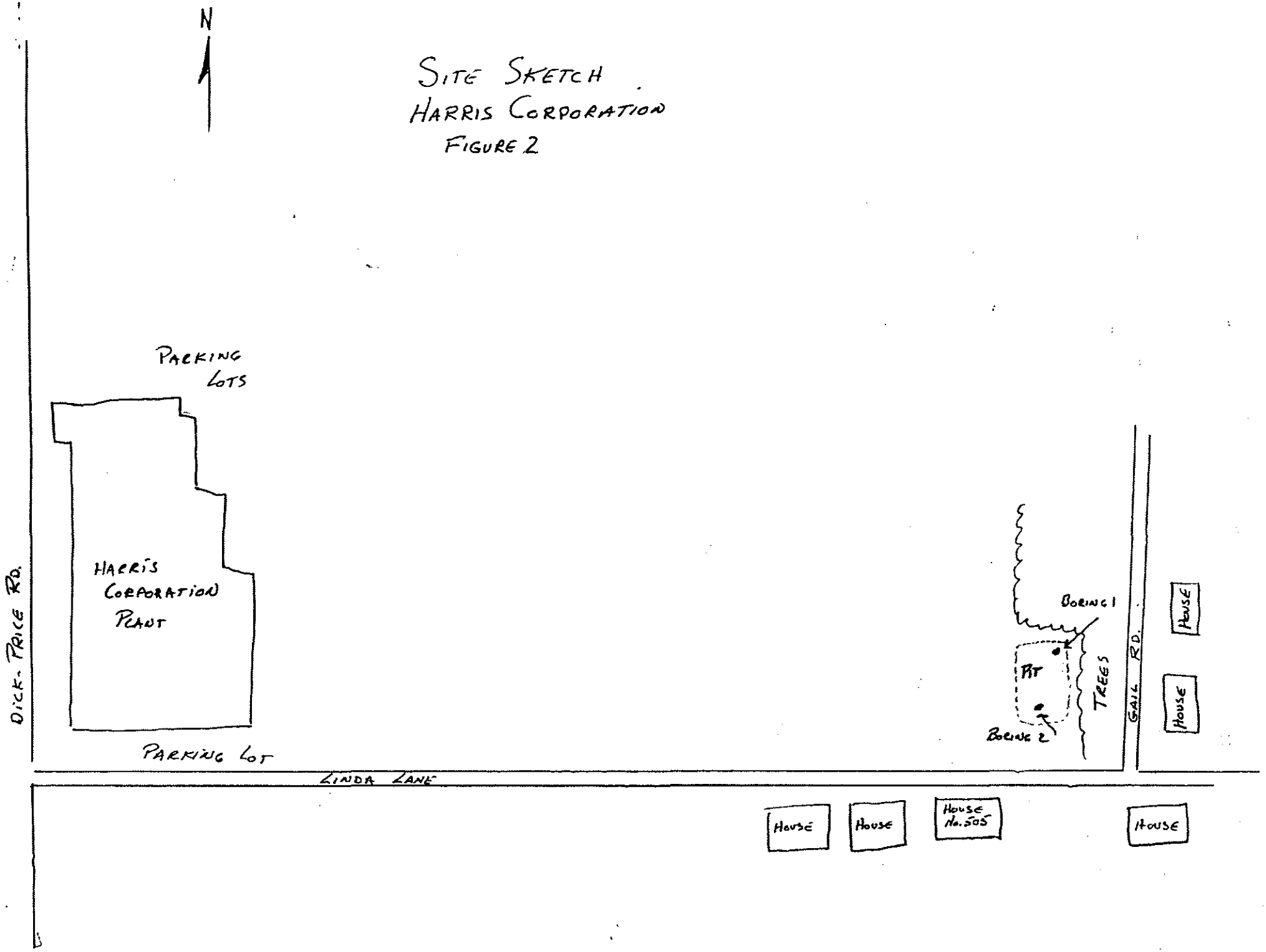
FIGURE 1

EPA REGION VI
PHASE I SIP
SITE AREA MAP

HARRIS CORPORATION
KENNEDALE, TEXAS
CERCLA ID. NO. : TXD073149957

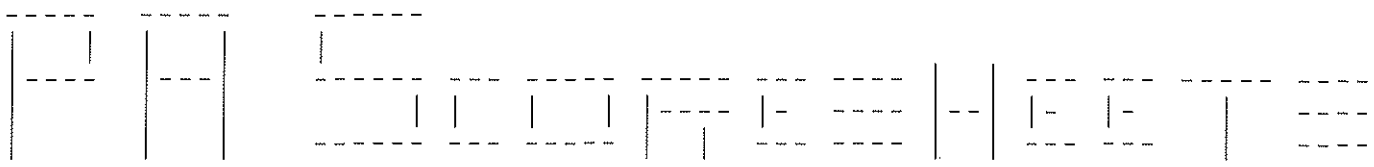
W.O. NO. : 04606-054-021-1520

FIGURE 2


N
SITE SKETCH
HARRIS CORPORATION
FIGURE 2
PARKING LOTS
HARRIS CORPORATION PLANT
PARKING LOT
DICK PRICE RD.
LINDA LANE
BORING 1
BORING 2
PIT
TREES
GAIL RD.
HOUSE
HOUSE
HOUSE
HOUSE
HOUSE No. 505
HOUSE

ATTACHMENT 2

OMB Approval Number: 2050-0095
Approved for Use Through: 4/95



Site Name: Harris Corporation
CERCLIS ID No.: TXD073149957
Street Address: 501 S. Dick Price Rd.
City/State/Zip: Kennedale, Tx 76060

Investigator: Troy D. Hile
Agency/Organization: Roy F. Weston, Inc.
Street Address: 70 N.E. Loop 410, Suite 460
City/State: San Antonio, Tx

Date: 4/11/95

OMB Approval Number: 2050-0095
Approved for Use Through: 4/95

POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT FORM

IDENTIFICATION

State:	CERCLIS Number:
Tx	TXD073149957

CERCLIS Discovery Date: 6/09/81

1. General Site Information

Name:	Street Address:
Harris Corporation	501 S. Dick Price Rd.

City:	State:	Zip Code:	County:	Co. Code:	Cong. Dist:
Kennedale	Tx	76060	Tarrant		

Latitude: Longitude:	Approx. Area of Site:	Status of Site:
32 38′ 4.0" 97 13′ 44.0"	53 acres	Active

2. Owner/Operator Information

Owner:	Operator:
Larry Amburgey	Same as owner
Street Address: P.O. Box 15247	Street Address:
City: Fort Worth	City:

State:	Zip Code:	Telephone:	State:	Zip Code:	Telephone:
Tx	76119	(817)478-5431			

Type of Ownership:	How Initially Identified:
Private	Citizen Complaint

POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT FORM	IDENTIFICATION State: Tx CERCLIS Number: TXD073149957 CERCLIS Discovery Date: 6/09/81

3. Site Evaluator Information

Name of Evaluator:	Agency/Organization:	Date Prepared:
Troy D. Hile	Roy F. Weston, Inc.	4/11/95

Street Address:	City:	State:
70 N.E. Loop 410, Suite 460	San Antonio	Tx

Name of EPA or State Agency Contact:	Telephone:
Stacey Bennett	(214) 665-8374

Street Address:	City:	State:
1445 Ross Ave., Suite 1200	Dallas	Tx

4. Site Disposition (for EPA use only)

Emergency Response/Removal Assessment Recommendation: No	CERCLIS Recommendation: Higher Priority SI	Signature:
Date:	Date:	Name: Position:

POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT FORM

IDENTIFICATION
State: Tx
CERCLIS Number: TXD073149957
CERCLIS Discovery Date: 6/09/81

5. General Site Characteristics

Predominant Land Uses Within 1 Mile of Site:
Industrial
Commercial
Residential

Site Setting:
Rural

Years of Operation:
Beginning Year: 0
Ending Year: 0
X Unknown

Type of Site Operations:
Manufacturing
Other Manufacturing

Waste Generated:
Onsite

Waste Deposition Authorized By: Present Owner

Waste Accessible to the Public
No

Distance to Nearest Dwelling, School, or Workplace:
0 Feet

6. Waste Characteristics Information

Source Type	Quantity		Tier
Drums	9.00e+01	drums	V
Surface impoundment	4.00e+03	cu ft	V

General Types of Waste:
Oily Waste
Other:
cooling lubricants and oils

Physical State of Waste as Deposited
Liquid

Tier Legend
C = Constituent W = Wastestream
V = Volume A = Area

POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT FORM	IDENTIFICATION	
	State: Tx	CERCLIS Number: TXD073149957
	CERCLIS Discovery Date: 6/09/81	

7. Ground Water Pathway

Is Ground Water Used for Drinking Water Within 4 Miles: No	Is There a Suspected Release to Ground Water: No	List Secondary Target Population Served by Ground Water Withdrawn From:	
Type of Ground Water Wells Within 4 Miles: Municipal Private	Have Primary Target Drinking Water Wells Been Identified: No	0 - 1/4 Mile	0
		>1/4 - 1/2 Mile	0
		>1/2 - 1 Mile	4096
Depth to Shallowest Aquifer: 50 Feet		>1 - 2 Miles	0
	Nearest Designated Wellhead Protection Area: None within 4 Miles	>2 - 3 Miles	0
Karst Terrain/Aquifer Present: No		>3 - 4 Miles	0
		Total	4096

POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT FORM

IDENTIFICATION

State:	CERCLIS Number:
Tx	TXD073149957

CERCLIS Discovery Date: 6/09/81

8. Surface Water Pathway — Part 1 of 4

Type of Surface Water Draining Site and 15 Miles Downstream:
Stream
River

Shortest Overland Distance From Any Source to Surface Water:
1584 Feet
0.3 Miles

Is there a Suspected Release to Surface Water: No

Site is Located in:
>10 yr - 100 yr floodplai

8. Surface Water Pathway — Part 2 of 4

Drinking Water Intakes Along the Surface Water Migration Path: No

Have Primary Target Drinking Water Intakes Been Identified: No

Secondary Target Drinking Water Intakes:
None

POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT FORM	IDENTIFICATION State: Tx CERCLIS Number: TXD073149957 CERCLIS Discovery Date: 6/09/81

8. Surface Water Pathway — Part 3 of 4

Fisheries Located Along the Surface Water Migration Path: Yes

Have Primary Target Fisheries Been Identified: No

Secondary Target Fisheries:

Fishery Name	Water Body Type/Flow(cfs)
Lake Arlington	moderate-large stream/ >100-1000
Village Creek	small-moderate stream/ 10-100

8. Surface Water Pathway — Part 4 of 4

Wetlands Located Along the Surface Water Migration Path? (y/n) Yes

Have Primary Target Wetlands Been Identified? (y/n) No

Secondary Target Wetlands:

Water Body/Flow(cfs)	Frontage(mi)
minimal stream/ <10	>4 to 8

Other Sensitive Environments Along the Surface Water Migration Path: No

Have Primary Target Sensitive Environments Been Identified: No

Secondary Target Sensitive Environments:
None

POTENTIAL HAZARDOUS

WASTE SITE

PRELIMINARY ASSESSMENT FORM

IDENTIFICATION

State: Tx

CERCLIS Number: TXD073149957

CERCLIS Discovery Date: 6/09/81

9. Soil Exposure Pathway

Are People Occupying Residences or Attending School or Daycare on or Within 200 Feet of Areas of Known or Suspected Contamination: No

Number of Workers Onsite: 1 - 100

Have Terrestrial Sensitive Environments Been Identified on or Within 200 Feet of Areas of Known or Suspected Contamination: No

10. Air Pathway

Total Population on or Within:	
Onsite	20
0 - 1/4 Mile	0
>1/4 - 1/2 Mile	0
>1/2 - 1 Mile	4096
>1 - 2 Miles	0
>2 - 3 Miles	0
>3 - 4 Miles	0
Total	4116

Is There a Suspected Release to Air: No

Wetlands Located Within 4 Miles of the Site: Yes

Other Sensitive Environments Located Within 4 Miles of the Site: No

Sensitive Environments Within 1/2 Mile of the Site:

Distance	Sensitive Environment Type/Wetlands Area(acres)
>1/4 - 1/2	Wetlands (< 1 acre)

WASTE CHARACTERISTICS

Waste Characteristics (WC) Calculations:

1 Storage drums	Drums	Ref: 1	WQ value	maximum
Volume	9.00E+01 drums		9.00E+00	9.00E+00

The 1983 EPA Site Inspection Report claims there are 16 drums of coolant and oil wastes awaiting shipment. There are also 60-75 empty drums onsite. Conservatively, it was assumed that up to 90 drums were used for storage purposes until shipped off site. The major compounds of concern are Cimcool, which was used before 1981, and Trimsol. Both compounds are listed as non-hazardous by the manufacturer when diluted with water.
Ref: 1

2 Waste pit	Surface impoundment	Ref: 3	WQ value	maximum
Volume	4.00E+03 cu ft		5.93E+01	5.93E+01

According to the EPA Site Inspection (SI) Report prepared on 24 May 1983, there is an on-site pit located with approximate dimensions of 20 feet X 20 feet X 10 feet (4,000 cubic feet). Reportedly the unlined pit was once used for the disposal of waste/machining coolants and lubricants on various occassions from 1969 to 1971. Analyses of two boring samples collected on 17 August 1983, revealed no significant contaminants. Organic analysis indicated the presence of pentane in both samples (0.0038 to 0.053 parts per million).
Ref: 3

WQ total 6.83E+01

** Only First WC Page Is Printed ** | Waste Characteristics Score: WC = 18

Ground Water Pathway Criteria List
Suspected Release

Are sources poorly contained? (y/n/u)	Y
Is the source a type likely to contribute to ground water contamination (e.g., wet lagoon)? (y/n/u)	Y
Is waste quantity particularly large? (y/n/u)	N
Is precipitation heavy? (y/n/u)	N
Is the infiltration rate high? (y/n/u)	Y
Is the site located in an area of karst terrain? (y/n)	N
Is the subsurface highly permeable or conductive? (y/n/u)	Y
Is drinking water drawn from a shallow aquifer? (y/n/u)	N
Are suspected contaminants highly mobile in ground water? (y/n/u)	N
Does analytical or circumstantial evidence suggest ground water contamination? (y/n/u)	N

Other criteria? (y/n) N

SUSPECTED RELEASE? (y/n) N

Summarize the rationale for Suspected Release:

There are well-contained drums onsite that are used to store wastes. When enough drums accumulate, they are shipped offsite for waste recycling purposes. Additionally, there is a 20 feet x 20 feet x 10 feet pit that was reportedly used for the dumping of some of these wastes prior to the storage in the drums. Samples were taken and no significant amounts of contaminants were found. Due to the lack of significant or elevated contaminants, no release to ground water was suspected.

Ref: 1

Ground Water Pathway Criteria List
Primary Targets

Is any drinking water well nearby? (y/n/u)

Has any nearby drinking water well been closed? (y/n/u)

Has any nearby drinking water well user reported foul-testing or foul-smelling water? (y/n/u)

Does any nearby well have a large drawdown/high production rate? (y/n/u)

Is any drinking water well located between the site and other wells that are suspected to be exposed to a hazardous substance? (y/n/u)

Does analytical or circumstantial evidence suggest contamination at a drinking water well? (y/n/u)

Does any drinking water well warrant sampling? (y/n/u)

Other criteria? (y/n)

PRIMARY TARGET(S) IDENTIFIED? (y/n)

Summarize the rationale for Primary Targets:

GROUND WATER PATHWAY SCORESHEETS

Pathway Characteristics

		Ref.
Do you suspect a release? (y/n)	No	
Is the site located in karst terrain? (y/n)	No	
Depth to aquifer (feet):	50	1
Distance to the nearest drinking water well (feet):	5280	1

LIKELIHOOD OF RELEASE	Suspected Release	No Suspected Release	References
1. SUSPECTED RELEASE	0		
2. NO SUSPECTED RELEASE		500	
LR =	0	500	

Targets

TARGETS	Suspected Release	No Suspected Release	References
3. PRIMARY TARGET POPULATION 0 person(s)	0		
4. SECONDARY TARGET POPULATION Are any wells part of a blended system? (y/n) N	0	167	
5. NEAREST WELL	0	9	
6. WELLHEAD PROTECTION AREA None within 4 Miles	0	0	
7. RESOURCES	0	5	
T =	0	181	

WASTE CHARACTERISTICS

WC =	0	18

GROUND WATER PATHWAY SCORE: 20

Ground Water Target Populations

Primary Target Population Drinking Water Well ID	Dist. (miles)	Population Served	Reference	Value
None				
*** Note : Maximum of 5 Wells Are Printed ***			Total	

Secondary Target Population Distance Categories	Population Served	Reference	Value
0 to 1/4 mile	0		0
Greater than 1/4 to 1/2 mile	0		0
Greater than 1/2 to 1 mile	4096	5	167
Greater than 1 to 2 miles	0		0
Greater than 2 to 3 miles	0		0
Greater than 3 to 4 miles	0		0
		Total	167

Apportionment Documentation for a Blended System

According to the 1983 EPA Site Inspection Report, there is one groundwater well (greater than 15 connections) that supplies the City of Kennedale, Texas (population 4,096). The well is located approximately one mile northeast of the Harris Corporation site.

Ref: 1,5

Surface Water Pathway Criteria List
Suspected Release

Is surface water nearby? (y/n/u)	Y
Is waste quantity particularly large? (y/n/u)	N
Is the drainage area large? (y/n/u)	U
Is rainfall heavy? (y/n/u)	N
Is the infiltration rate low? (y/n/u)	N
Are sources poorly contained or prone to runoff or flooding? (y/n/u)	N
Is a runoff route well defined(e.g.ditch/channel to surf.water)? (y/n/u)	Y
Is vegetation stressed along the probable runoff path? (y/n/u)	N
Are sediments or water unnaturally discolored? (y/n/u)	N
Is wildlife unnaturally absent? (y/n/u)	N
Has deposition of waste into surface water been observed? (y/n/u)	N
Is ground water discharge to surface water likely? (y/n/u)	N
Does analytical/circumstantial evidence suggest S.W. contam? (y/n/u)	N

Other criteria? (y/n) N

SUSPECTED RELEASE? (y/n) N

Summarize the rationale for Suspected Release:

According to the 1983 EPA Site Inspection (SI) Report and the Kennedale, Texas 7.5-minute quadrangle map, runoff from the site could enter Village Creek 0.3 miles east of site. Village Creek flows approximately 2.3 miles into Lake Arlington. Hoever, the 1983 SI does not indicate any potential release of contaminants to surface water. This combined with the reported lack of significant contamination from the on-site pit leads to the conclusion of no suspected release to surface water.

Ref: 1,2

Surface Water Pathway Criteria List
Primary Targets

Is any target nearby? (y/n/u) If yes: Y
N Drinking water intake
Y Fishery
Y Sensitive environment

Has any intake, fishery, or recreational area been closed? (y/n/u) N

Does analytical or circumstantial evidence suggest surface water contamination at or downstream of a target? (y/n/u) N

Does any target warrant sampling? (y/n/u) If yes: N
N Drinking water intake
N Fishery
N Sensitive environment

Other criteria? (y/n) N

PRIMARY INTAKE(S) IDENTIFIED? (y/n) N

Summarize the rationale for Primary Intakes:

According to the 1983 EPA Site Inspection Report, surface water does not supply drinking water in the area. Groundwater is the supplier of drinking water.

Ref: 1

continued -------

continued -------

Other criteria? (y/n) N

PRIMARY FISHERY(IES) IDENTIFIED? (y/n) N

Summarize the rationale for Primary Fisheries:

Lake Arlington and Village Creek are used for contact/non-contact recreation and for the propogation of fish and wildlife.

Ref: 1

Other criteria? (y/n) N

PRIMARY SENSITIVE ENVIRONMENT(S) IDENTIFIED? (y/n) N

Summarize the rationale for Primary Sensitive Environments:

The 1983 EPA Site Inspection Report does not provide any information regarding sensitive environments. However, it is assumed that wetlands are present along the in-water segment to Lake Arlington, approximately 4.6 miles.

Ref: 2

SURFACE WATER PATHWAY SCORESHEETS

Pathway Characteristics		Ref.
Do you suspect a release? (y/n)	No	
Distance to surface water (feet):	1584	2
Flood frequency (years):	100	
What is the downstream distance (miles) to:		
a. the nearest drinking water intake?	15.0	1
b. the nearest fishery?	0.3	2
c. the nearest sensitive environment?	0.3	1

LIKELIHOOD OF RELEASE	Suspected Release	No Suspected Release	References
1. SUSPECTED RELEASE	0		
2. NO SUSPECTED RELEASE		500	
LR =	0	500	

Drinking Water Threat Targets

TARGETS	Suspected Release	No Suspected Release	References
3. Determine the water body type, flow (if applicable), and number of people served by each drinking water intake.			
4. PRIMARY TARGET POPULATION 0 person(s)	0		
5. SECONDARY TARGET POPULATION Are any intakes part of a blended system? (y/n): N	0	0	
6. NEAREST INTAKE	0	0	
7. RESOURCES	0	5	
T =	0	5	

Drinking Water Threat Target Populations

Intake Name	Primary (y/n)	Water Body Type/Flow	Population Served	Ref.	Value
None					

Total Primary Target Population Value	0
Total Secondary Target Population Value	0

*** Note : Maximum of 6 Intakes Are Printed ***

Apportionment Documentation for a Blended System

Human Food Chain Threat Targets

TARGETS	Suspected Release	No Suspected Release	References
8. Determine the water body type and flow for each fishery within the target limit.			
9. PRIMARY FISHERIES	0		
10. SECONDARY FISHERIES	0	30	
T =	0	30	

Human Food Chain Threat Targets

Fishery Name	Primary (y/n)	Water Body Type/Flow	Ref.	Value
1 Lake Arlington	N	>100-1000 cfs	1	12
2 Village Creek	N	10-100 cfs	2	30
		Total Primary Fisheries Value		0
		Total Secondary Fisheries Value		0

*** Note : Maximum of 6 Fisheries Are Printed ***

Environmental Threat Targets

TARGETS	Suspected Release	No Suspected Release	References
11. Determine the water body type and flow (if applicable) for each sensitive environment.			
12. PRIMARY SENSITIVE ENVIRONMENTS	0		
13. SECONDARY SENSITIVE ENVIRONS.	0	150	
T =	0	150	

Environmental Threat Targets

Sensitive Environment Name	Primary (y/n)	Water Body Type/Flow	Ref.	Value
1 Wetlands	N	<10 cfs	2	150

Total Primary Sensitive Environments Value	0
Total Secondary Sensitive Environments Value	0

*** Note: Maximum of 6 Sensitive Environments Are Printed ***

Surface Water Pathway Threat Scores

Threat	Likelihood of Release(LR) Score	Targets(T) Score	Pathway Waste Characteristics (WC) Score	Threat Score LR x T x WC / 82,500
Drinking Water	500	5	18	1
Human Food Chain	500	30	18	3
Environmental	500	150	18	16

SURFACE WATER PATHWAY SCORE:	20

Soil Exposure Pathway Criteria List
Resident Population

Is any residence, school, or daycare facility on or within 200 feet of an area of suspected contamination? (y/n/u)	N
Is any residence, school, or daycare facility located on adjacent land previously owned or leased by the site owner/operator? (y/n/u)	N
Is there a migration route that might spread hazardous substances near residences, schools, or daycare facilities? (y/n/u)	N
Have onsite or adjacent residents or students reported adverse health effects, exclusive of apparent drinking water or air contamination problems? (y/n/u)	N
Does any neighboring property warrant sampling? (y/n/u)	N
Other criteria? (y/n)	N
RESIDENT POPULATION IDENTIFIED? (y/n)	N

Summarize the rationale for Resident Population:

Based on the information provided by the EPA Region VI, there is no resident population on or within 200 feet of possible contamination on site.

Ref: 1

SOIL EXPOSURE PATHWAY SCORESHEETS

Pathway Characteristics		Ref.
Do any people live on or within 200 ft of areas of suspected contamination? (y/n)	No	1
Do any people attend school or daycare on or within 200 ft of areas of suspected contamination? (y/n)	No	1
Is the facility active? (y/n):	Yes	1

LIKELIHOOD OF EXPOSURE	Suspected Contamination	References
1. SUSPECTED CONTAMINATION LE =	550	

Targets

2. RESIDENT POPULATION 0 resident(s) 0 school/daycare student(s)	0	1
3. RESIDENT INDIVIDUAL	0	
4. WORKERS 1 - 100	0	1
5. TERRES. SENSITIVE ENVIRONMENTS	0	
6. RESOURCES	0	
T =	0	

WASTE CHARACTERISTICS

WC = 18

RESIDENT POPULATION THREAT SCORE: 1

NEARBY POPULATION THREAT SCORE: 1

Population Within 1 Mile: 1 - 10,000

SOIL EXPOSURE PATHWAY SCORE: 2

Soil Exposure Pathway Terrestrial Sensitive Environments

Terrestrial Sensitive Environment Name	Reference	Value
None		
Total Terrestrial Sensitive Environments Value		

*** Note : Maximum of 7 Sensitive Environments Are Printed ***

Air Pathway Criteria List
Suspected Release

Are odors currently reported? (y/n/u)	N
Has release of a hazardous substance to the air been directly observed? (y/n/u)	N
Are there reports of adverse health effects (e.g., headaches, nausea, dizziness) potentially resulting from migration of hazardous substances through the air? (y/n/u)	N
Does analytical/circumstantial evidence suggest release to air? (y/n/u)	N
Other criteria? (y/n)	N
SUSPECTED RELEASE? (y/n)	N

Summarize the rationale for Suspected Release:

There was no information provided in the EPA file regarding potential air problems. Therefore, no release to the air pathway was suspected. However, it is estimated that Harris Corporation has 20 employees onsite. The City of Kennedale, Texas (population 4,096) is located one mile from the site. The employees and the population were treated as secondary targets.

Ref: 1,5

AIR PATHWAY SCORESHEETS

Pathway Characteristics

		Ref.
Do you suspect a release? (y/n)	No	
Distance to the nearest individual (feet):	0	1

LIKELIHOOD OF RELEASE	Suspected Release	No Suspected Release	References
1. SUSPECTED RELEASE	0		
2. NO SUSPECTED RELEASE		500	
LR =	0	500	

Targets

TARGETS	Suspected Release	No Suspected Release	References
3. PRIMARY TARGET POPULATION 0 person(s)	0		
4. SECONDARY TARGET POPULATION	0	10	
5. NEAREST INDIVIDUAL	0	20	
6. PRIMARY SENSITIVE ENVIRONS.	0		
7. SECONDARY SENSITIVE ENVIRONS.	0	0	
8. RESOURCES	0	5	
T =	0	35	

WASTE CHARACTERISTICS

WC =	0	18

AIR PATHWAY SCORE: 4

Air Pathway Secondary Target Populations

Distance Categories	Population	References	Value
Onsite	20		2
Greater than 0 to 1/4 mile	0		0
Greater than 1/4 to 1/2 mile	0		0
Greater than 1/2 to 1 mile	4096	5	8
Greater than 1 to 2 miles	0		0
Greater than 2 to 3 miles	0		0
Greater than 3 to 4 miles	0		0
	Total Secondary Population Value		10

Air Pathway Primary Sensitive Environments

Sensitive Environment Name	Reference	Value
None		
Total Primary Sensitive Environments Value		

*** Note : Maximum of 7 Sensitive Environments Are Printed***

Air Pathway Secondary Sensitive Environments

Sensitive Environment Name	Distance	Reference	Value
1 Wetland	>1/4-1/2	1	0.0
Total Secondary Sensitive Environments Value			

SITE SCORE CALCULATION	SCORE
GROUND WATER PATHWAY SCORE:	20
SURFACE WATER PATHWAY SCORE:	20
SOIL EXPOSURE PATHWAY SCORE:	2
AIR PATHWAY SCORE:	4
SITE SCORE:	14

SUMMARY

1. Is there a high possibility of a threat to any nearby drinking water well(s) by migration of a hazardous substance in ground water? No

   If yes, identify the well(s).

   If yes, how many people are served by the threatened well(s)? 0

2. Is there a high possibility of a threat to any of the following by hazardous substance migration in surface water?
   A. Drinking water intake No
   B. Fishery No
   C. Sensitive environment (wetland, critical habitat, others) No

   If yes, identity the target(s).

3. Is there a high possibility of an area of surficial contamination within 200 feet of any residence, school, or daycare facility? No

   If yes, identify the properties and estimate the associated population(s)

4. Are there public health concerns at this site that are not addressed by PA scoring considerations? No

   If yes, explain:

REFERENCE LIST

1. Ecology and Environment, Inc. 24 May 1983. "Site Inspection Report." Prepared for the U.S. EPA, Region VI, Dallas, Tx.

2. USGS (U.S. Geological Survey) 1959. Photorevised 1981. Kennedale, Tx. (7.5-minute quadrangle map).

3. Ecology and Environment, Inc. 7 November 1983. "Memorandum." Prepared for the U.S. EPA, Region VI, Dallas, Tx.

4. Ecology and Environment, Inc. 9 June 1981. "Potential Hazardous Waste Site Identification and Preliminary Assessment." Prepared for the U.S. EPA, Region VI, Dallas, Tx.

5. McNally, Rand. 1994 Road Atlas, 70th Edition.

REFERENCE 1

8304

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT

REGION	SITE NUMBER (To be assigned by HQ)
6	TX 10227

GENERAL INSTRUCTIONS: Complete Sections I and III through XV of this form as completely as possible. Then use the information on this form to develop a Tentative Disposition (Section II). File this form in its entirety in the regional Hazardous Waste Log File. Be sure to include all appropriate Supplemental Reports in the file. Submit a copy of the forms to: U.S. Environmental Protection Agency; Site Tracking System; Hazardous Waste Enforcement Task Force (EN-335); 401 M St., SW; Washington, DC 20460.

I. SITE IDENTIFICATION

A. SITE NAME	B. STREET (or other identifier)		
Harris Corporation	501 South Dick Price Road		
C. CITY	**D. STATE**	**E. ZIP CODE**	**F. COUNTY NAME**
Kennedale	TX	76060	Tarrant

G. SITE OPERATOR INFORMATION

1. NAME	2. TELEPHONE NUMBER		
Larry Amburgey, Manager of Manufacturing Engineering	817/478-5431		
3. STREET	**4. CITY**	**5. STATE**	**6. ZIP CODE**
P.O. Box 15247	Fort Worth	TX	76119

H. REALTY OWNER INFORMATION (if different from operator or site)

1. NAME	2. TELEPHONE NUMBER		
Same TXD 073 149 957			
3. CITY	**4. STATE**	**5. ZIP CODE**	

I. SITE DESCRIPTION

(See attachment A)

SUPERFUND FILE

J. TYPE OF OWNERSHIP

☐ 1. FEDERAL ☐ 2. STATE ☐ 3. COUNTY ☐ 4. MUNICIPAL ☒ 5. PRIVATE

FEB 03 1993

II. TENTATIVE DISPOSITION (complete this section last)

A. ESTIMATE DATE OF TENTATIVE DISPOSITION (mo., day, & yr.)	B. APPARENT SERIOUSNESS OF PROBLEM			
	☐ 1. HIGH	☐ 2. MEDIUM	☐ 3. LOW	☒ 4. NONE

REORGANIZED

C. PREPARER INFORMATION

1. NAME	2. TELEPHONE NUMBER	3. DATE (mo., day, & yr.)
Michael E. Benner	214/742-6601	5/24/83

III. INSPECTION INFORMATION

A. PRINCIPAL INSPECTOR INFORMATION

1. NAME	2. TITLE	
Michael E. Benner	FIT - Geologist	
3. ORGANIZATION		**4. TELEPHONE NO. (area code & no.)**
Ecology & Environment, Inc., 1509 Main St., Dallas, TX 75201		214/742-6601

B. INSPECTION PARTICIPANTS

1. NAME	2. ORGANIZATION	3. TELEPHONE NO.
Michael E. Benner	Ecology and Environment, Inc. 1509 Main St., Dallas, TX	214/742-6601
Larry Landry	" "	"

C. SITE REPRESENTATIVES INTERVIEWED (corporate officials, workers, residents)

1. NAME	2. TITLE & TELEPHONE NO.	3. ADDRESS
Larry Amburgey	Mgr. of Manufacturing Engineering 817/478-5431	Harris Corp., 501 S. Dick Price Rd. Kennedale, TX 76119
James Simpson	Process Engineer 817/478-5431	" "
Clyde Smith	Mgr. of Machine Operations 817/478-5431 Local resident	"
		SUPERFUND FILE
		FEB 16 1993

Continued From Front

III. INSPECTION INFORMATION (continued)

D. GENERATOR INFORMATION (source of waste)

1. NAME	2. TELEPHONE NO.	3. ADDRESS	4. WASTE TYPE GENERATED
Harris Corp.	817/478-5431	501 S. Dick Price Rd. Kennedale, Tx	machine coolant and solvents,
			cutting and hydrau oils

E. TRANSPORTER/HAULER INFORMATION

1. NAME	2. TELEPHONE NO.	3. ADDRESS	4. WASTE TYPE TRANSPORTED
Petroleum Carrier Co.		P.O. Box 449, Roanoke, TX 76262	waste solvents and oils.
Effluent Treatment services		P.O. Box 181071 Fort Worth, TX 76118	Waste Coolant

F. IF WASTE IS PROCESSED ON SITE AND ALSO SHIPPED TO OTHER SITES, IDENTIFY OFF-SITE FACILITIES USED FOR DISPOSAL.

1. NAME	2. TELEPHONE NO.	3. ADDRESS
		Wastes carried by transporters (IIIE.) who process the waste to make burnable fuel oils.

G. DATE OF INSPECTION (mo., day, & yr.)	H. TIME OF INSPECTION	I. ACCESS GAINED BY: (credentials must be shown in all cases)
4/26/83	0950-1230	☒ 1. PERMISSION ☐ 2. WARRANT

J. WEATHER (describe)
Cloudy, 65 F, SW wind at 10-15 mph.

IV. SAMPLING INFORMATION

A. Mark 'X' for the types of samples taken and indicate where they have been sent e.g., regional lab, other EPA lab, contractor, etc. and estimate when the results will be available.

1. SAMPLE TYPE	2. SAMPLE TAKEN (mark 'X')	3. SAMPLE SENT TO:	4. DATE RESULTS AVAILABLE
a. GROUNDWATER			
b. SURFACE WATER			
c. WASTE			
d. AIR			
e. RUNOFF			
f. SPILL			
g. SOIL			
h. VEGETATION			
i. OTHER (specify)	X	No samples taken during inspection	

B. FIELD MEASUREMENTS TAKEN (e.g., radioactivity, explosivity, PH, etc.)

1. TYPE	2. LOCATION OF MEASUREMENTS	3. RESULTS
None		

Continued From Page 2

IV. SAMPLING INFORMATION (continued)

C. PHOTOS

1. TYPE OF PHOTOS: [XX] a. GROUND [ ] b. AERIAL

2. PHOTOS IN CUSTODY OF: EPA Region VI, Dallas, Tx (see attachments)

D. SITE MAPPED?

[XX] YES. SPECIFY LOCATION OF MAPS: See attached copy of portion of Kennedale U.S.G.S. Topographic Quadrangle and site sketch.

E. COORDINATES

1. LATITUDE (deg.-min.-sec.): 32°38'04" N

2. LONGITUDE (deg.-min.-sec.): 97°13'44" W

V. SITE INFORMATION

A. SITE STATUS

[ ] 1. ACTIVE (Those industrial or municipal sites which are being used for waste treatment, storage, or disposal on a continuing basis, even if infrequently.)

[X] 2. INACTIVE (Those sites which no longer receive wastes.) Facility is active but waste disposal pit is inactive.

[ ] 3. OTHER (specify): _____ (Those sites that include such incidents like "midnight dumping" where no regular or continuing use of the site for waste disposal has occurred.)

B. IS GENERATOR ON SITE?

[ ] 1. NO [XX] 2. YES (specify generator's four-digit SIC Code): 3555

C. AREA OF SITE (in acres): 53

D. ARE THERE BUILDINGS ON THE SITE?

[ ] 1. NO [X] 2. YES (specify): Manufacturing and office facilities.

VI. CHARACTERIZATION OF SITE ACTIVITY

Indicate the major site activity(ies) and details relating to each activity by marking 'X' in the appropriate boxes.

A. TRANSPORTER	B. STORER	C. TREATER	D. DISPOSER
[ ] 1. RAIL	[ ] 1. PILE	[ ] 1. FILTRATION	[ ] 1. LANDFILL
[ ] 2. SHIP	[ ] 2. SURFACE IMPOUNDMENT	[ ] 2. INCINERATION	[ ] 2. LANDFARM
[ ] 3. BARGE	[X] 3. DRUMS	[ ] 3. VOLUME REDUCTION	[ ] 3. OPEN DUMP
[ ] 4. TRUCK	[ ] 4. TANK, ABOVE GROUND	[ ] 4. RECYCLING/RECOVERY	[ ] 4. SURFACE IMPOUNDMENT
[ ] 5. PIPELINE	[ ] 5. TANK, BELOW GROUND	[ ] 5. CHEM./PHYS./TREATMENT	[ ] 5. MIDNIGHT DUMPING
[ ] 6. OTHER (specify):	[ ] 6. OTHER (specify):	[ ] 6. BIOLOGICAL TREATMENT	[ ] 6. INCINERATION
		[ ] 7. WASTE OIL REPROCESSING	[ ] 7. UNDERGROUND INJECTION
		[ ] 8. SOLVENT RECOVERY	[ ] 8. OTHER (specify):
		[ ] 9. OTHER (specify):	

E. SUPPLEMENTAL REPORTS: If the site falls within any of the categories listed below, Supplemental Reports must be completed. Indicate which Supplemental Reports you have filled out and attached to this for..

[X] 1. STORAGE [ ] 2. INCINERATION [ ] 3. LANDFILL [ ] 4. SURFACE IMPOUNDMENT [ ] 5. DEEP WELL

[ ] 6. CHEM/BIO/PHYS TREATMENT [ ] 7. LANDFARM [ ] 8. OPEN DUMP [ ] 9. TRANSPORTER [ ] 10. RECYCLOR/RECLAIMER

VII. WASTE RELATED INFORMATION

A. WASTE TYPE

[X] 1. LIQUID [ ] 2. SOLID [ ] 3. SLUDGE [ ] 4. GAS

B. WASTE CHARACTERISTICS

[ ] 1. CORROSIVE [ ] 2. IGNITABLE [ ] 3. RADIOACTIVE [ ] 4. HIGHLY VOLATILE

[X] 5. TOXIC [ ] 6. REACTIVE [ ] 7. INERT [ ] 8. FLAMMABLE

[ ] 9. OTHER (specify):

C. WASTE CATEGORIES

1. Are records of wastes available? Specify items such as manifests, inventories, etc. below. Manifests of materials shipped for recycling. No records for wastes disposed of into pit.

Continued From Front

VII. WASTE RELATED INFORMATION (continued)

2. Estimate the amount (specify unit of measure) of waste by category; mark 'X' to indicate which wastes are present.

a. SLUDGE	b. OIL	c. SOLVENTS	d. CHEMICALS	e. SOLIDS	f. OTHER
AMOUNT: None	AMOUNT: 495 *	AMOUNT: None	AMOUNT: 330 *	AMOUNT: None	AMOUNT: None
UNIT OF MEASURE:	UNIT OF MEASURE: Gallons	UNIT OF MEASURE:	UNIT OF MEASURE: Gallons	UNIT OF MEASURE:	UNIT OF MEASURE:
X (1) PAINT, PIGMENTS	X (1) OILY WASTES	X (1) HALOGENATED SOLVENTS	X (1) ACIDS	X (1) FLYASH	X (1) LABORATORY, PHARMACEUT.
(2) METALS SLUDGES	(2) OTHER (specify): Lubricating, Hydraulic and cutting oils	(2) NON-HALOGNTD. SOLVENTS	(2) PICKLING LIQUORS	(2) ASBESTOS	(2) HOSPITAL
(3) POTW		(3) OTHER (specify):	(3) CAUSTICS	(3) MILLING/MINE TAILINGS	(3) RADIOACTIVE
(4) ALUMINUM SLUDGE			(4) PESTICIDES	(4) FERROUS SMELTING WASTES	(4) MUNICIPAL
(5) OTHER (specify):			(5) DYES/INKS	(5) NON-FERROUS SMLTG. WASTES	(5) OTHER (specify):
			(6) CYANIDE	(6) OTHER (specify):	
			(7) PHENOLS		
			(8) HALOGENS		
			(9) PCB		
			(10) METALS		
			X (11) OTHER (specify): Waste coolants		

*Above quantities are for current operations.

The quantity of oils and coolant from past operations which were dumped into the pit is unknown.

D. LIST SUBSTANCES OF GREATEST CONCERN WHICH ARE ON THE SITE (place in descending order of hazard)

1. SUBSTANCE	2. FORM (mark 'X') a. SOLID	b. LIQ.	c. VAPOR	3. TOXICITY (mark 'X') a. HIGH	b. MED.	c. LOW	d. NONE	4. CAS NUMBER	5. AMOUNT	6. UNIT
Lubricating Oils		X							Unknown *	
Coolants		X							Unknown *	
* Amount of oils disposed of into the pit is not known.										

VIII. HAZARD DESCRIPTION

FIELD EVALUATION HAZARD DESCRIPTION: Place an 'X' in the box to indicate that the listed hazard exists. Describe the hazard in the space provided.

___ A. HUMAN HEALTH HAZARDS

Continue On Page 5

Continued From Page 4

VIII. HAZARD DESCRIPTION (continued)

☐ B. NON-WORKER INJURY/EXPOSURE

☐ C. WORKER INJURY/EXPOSURE

☐ D. CONTAMINATION OF WATER SUPPLY

☐ E. CONTAMINATION OF FOOD CHAIN

☐ F. CONTAMINATION OF GROUND WATER

☐ G. CONTAMINATION OF SURFACE WATER

Continued From Front

VIII. HAZARD DESCRIPTION (continued)

☐ H. DAMAGE TO FLORA/FAUNA

☐ I. FISH KILL

☐ J. CONTAMINATION OF AIR

☐ K. NOTICEABLE ODORS

☐ L. CONTAMINATION OF SOIL

☐ M. PROPERTY DAMAGE

Continue On Page 7

Continued From Page 6

VIII. HAZARD DESCRIPTION (continued)

☐ N. FIRE OR EXPLOSION

☐ O. SPILLS/LEAKING CONTAINERS/RUNOFF/STANDING LIQUID

☐ P. SEWER, STORM DRAIN PROBLEMS

☐ Q. EROSION PROBLEMS

☐ R. INADEQUATE SECURITY

☐ S. INCOMPATIBLE WASTES

VIII. HAZARD DESCRIPTION (continued)

☐ T. MIDNIGHT DUMPING

☒ U. OTHER (specify):

No obvious hazard or contamination were noted during the inspection. Allegations of [illegible] on the CERCLA Notification Form that wastes were disposed of in an area on top of the hill behind the plant was confirmed by Harris Corporation personnel. Coolants which were disposed of, as well as those currently being used, are not toxic and are not a hazard due to inhalation and non-hazardous respectively. (See attachments). No data is available on the constituents of the waste oils.

[illegible] could not be contacted as he was out of the country on assignment. However, [illegible] was contacted. No evidence could be found to substantiate claims of [illegible] (from phone discussions) that waste coolants and oils were disposed of under the present parking lot and the area immediately northeast. Harris Corporation personnel did confirm that some construction debris and rubbish were dumped in the area during plant expansion in 1977-1978, but no coolants or oils were placed in this area.

No evidence of contamination migrating off-site was observed or evident from the inspection. Wastes disposed of in the pit consisted of coolants and some lubricating oils. There is no evidence of a significant threat to groundwater nor the surrounding environment as a result of the dumping. Therefore, no further action is recommended.

IX. POPULATION DIRECTLY AFFECTED BY SITE

A. LOCATION OF POPULATION	B. APPROX. NO. OF PEOPLE AFFECTED	C. APPROX. NO. OF PEOPLE AFFECTED WITHIN UNIT AREA	D. APPROX. NO. OF BUILDINGS AFFECTED	E. DISTANCE TO SITE (specify units)
1. IN RESIDENTIAL AREAS	350	350	80	½ mile
2. IN COMMERCIAL OR INDUSTRIAL AREAS	450	450	4	½ mile
3. IN PUBLICLY TRAVELLED AREAS	1000	1000	0	½ mile
4. PUBLIC USE AREAS (parks, schools, etc.)	0	0	0	0

X. WATER AND HYDROLOGICAL DATA

A. DEPTH TO GROUNDWATER (specify unit)	B. DIRECTION OF FLOW	C. GROUNDWATER USE IN VICINITY
50 feet	Northwest	Residential/Industrial
D. POTENTIAL YIELD OF AQUIFER	**E. DISTANCE TO DRINKING WATER SUPPLY (specify unit of measure)**	**F. DIRECTION TO DRINKING WATER SUPPLY**
100-400 gpm*	approx. 1 mile	Northeast

G. TYPE OF DRINKING WATER SUPPLY

☐ 1. NON-COMMUNITY < 15 CONNECTIONS* ☒ 2. COMMUNITY (specify town): Kennedale, TX > 15 CONNECTIONS

☐ 3. SURFACE WATER ☒ 4. WELL

Continue On Page 9

Continued From Page 8

X. WATER AND HYDROLOGICAL DATA (continued)

H. LIST ALL DRINKING WATER WELLS WITHIN A 1/4 MILE RADIUS OF SITE

1. WELL	2. DEPTH (specify unit)	3. LOCATION (proximity to population/buildings)	4. NON-COMMUNITY (mark 'X')	5. COMMUNITY (mark 'X')
None				

I. RECEIVING WATER

1. NAME: Lake Arlington (via unnamed Tributary to Village Creek).

☐ 2. SEWERS ☐ 3. STREAMS/RIVERS ☒ 4. LAKES/RESERVOIRS ☐ 5. OTHER (specify):

6. SPECIFY USE AND CLASSIFICATION OF RECEIVING WATERS

Contact recreation, non-contact recreation, propagation of fish and wildlife, domestic raw water supply.

XI. SOIL AND VEGITATION DATA

LOCATION OF SITE IS IN:

☐ A. KNOWN FAULT ZONE ☐ B. KARST ZONE ☐ C. 100 YEAR FLOOD PLAIN ☐ D. WETLAND

☐ E. A REGULATED FLOODWAY ☐ F. CRITICAL HABITAT ☐ G. RECHARGE ZONE OR SOLE SOURCE AQUIFER

XII. TYPE OF GEOLOGICAL MATERIAL OBSERVED

Mark 'X' to indicate the type(s) of geological material observed and specify where necessary, the component parts.

'X'	A. OVERBURDEN	'X'	B. BEDROCK (specify below)	'X'	C. OTHER (specify below)
X	1. SAND	X	Quaternary Terrace Deposits	X	Grayson Marl/Main Street Limestone below terrace
	2. CLAY				
X	3. GRAVEL	X	Quaternary Terrace Deposits		

XIII. SOIL PERMEABILITY

☐ A. UNKNOWN ☐ B. VERY HIGH (100,000 to 1000 cm/sec.) ☒ C. HIGH (1000 to 10 cm/sec.)

☐ D. MODERATE (10 to .1 cm/sec.) ☐ E. LOW (.1 to .001 cm/sec.) ☐ F. VERY LOW (.001 to .00001 cm/sec.)

G. RECHARGE AREA

☐ 1. YES ☒ 2. NO 3. COMMENTS:

H. DISCHARGE AREA

☐ 1. YES ☒ 2. NO 3. COMMENTS:

I. SLOPE

1. ESTIMATE % OF SLOPE	2. SPECIFY DIRECTION OF SLOPE, CONDITION OF SLOPE, ETC.
5	East slope of hill near top

J. OTHER GEOLOGICAL DATA

The Terrace deposits are hydraulically separate from the underlying aquifer by the Marl/Limestone Formations.

Continued From Front

XIV. PERMIT INFORMATION

List all applicable permits held by the site and provide the related information.

A. PERMIT TYPE (e.g., RCRA, State, NPDES, etc.)	B. ISSUING AGENCY	C. PERMIT NUMBER	D. DATE ISSUED (mo., day, & yr.)	E. EXPIRATION DATE (mo., day, & yr.)	F. IN COMPLIANCE (mark 'X') 1. YES	2. NO	3. UNKNOWN
State Registration	TDWR	32194			X		
RCRA	EPA	TXD073149957	1981		X		

XV. PAST REGULATORY OR ENFORCEMENT ACTIONS

[X] NONE [ ] YES (summarize in this space)

NOTE: Based on the information in Sections III through XV, fill out the Tentative Disposition (Section II) information on the first page of this form.

STORAGE FACILITIES SITE INSPECTION REPORT
(Supplemental Report)

INSTRUCTION
Answer and Explain as Necessary.

1. STORAGE AREA HAS CONTINUOUS IMPERVIOUS BASE
[X] YES [ ] NO

2. STORAGE AREA HAS A CONFINEMENT STRUCTURE
[ ] YES [XX] NO

3. EVIDENCE OF LEAKAGE/OVERFLOW *(If "Yes", document where and how much runoff is overflowing or leaking from containment)*
[ ] YES [XX] NO

4. ESTIMATE TYPE AND NUMBER OF BARRELS/CONTAINERS
16 drums of coolant and oil wastes for shipment 60-75 empty drums

5. GLASS OR PLASTIC STORAGE CONTAINERS USED
[ ] YES [X] NO

6. ESTIMATE NUMBER AND CAPACITY OF STORAGE TANKS
None

7. NOTE LABELING ON CONTAINERS
See photo nos. 2,4

8. EVIDENCE OF LEAKAGE CORROSION OR BULGING OF BARRELS/CONTAINERS/STORAGE TANKS *(If "Yes", document evidence. Describe location and extent of damage. Take PHOTOGRAPHS)*
[ ] YES [XX] NO

9. DIRECT VENTING OF STORAGE TANKS
[ ] YES [ ] NO N/A

10. CONTAINERS HOLDING INCOMPATIBLE SUBSTANCES *(If "Yes", document evidence. Describe location and identity of hazardous waste. Take PHOTOGRAPHS.)*
[ ] YES [X] NO

11. INCOMPATIBLE SUBSTANCES STORED IN CLOSE PROXIMITY *(If "Yes", document evidence. Describe location and identity of hazardous waste. Take PHOTOGRAPHS.)*
[ ] YES [X] NO

12. ADEQUATE CONTAINER WASHING AND REUSE PRACTICES
[X] YES [ ] NO

13. ADEQUATE PRACTICES FOR DISPOSAL OF EMPTY STORAGE CONTAINERS
[X] YES [ ] NO

ATTACHMENT A

POTENTIAL HAZARDOUS WASTE SITE
IDENTIFICATION AND PRELIMINARY ASSESSMENT SUPPLEMENT SHEET

Instruction - This sheet is provided to give additional information in explanation of a question on the form T2070-2.

Corresponding number on form	Additional Remark and/or Explanation
I.i.	The Kennedale Plant of Harris Corporation has been in operation since 1957 and is an active RCRA facility. The plant machines steel and cast-iron parts for printing presses. Generated wastes consist of coolant/lubricants and hydraulic and machine oils. Presently wastes are drummed and stored (see photos nos. 1-6) and shipped off-site for recycling and disposal (see attachments). Prior to the shipping of wastes for recycling, a tank truck was maintained on-site for waste storage. When the tank became full Harris transported it to the Fort Worth Landfill on Dick Price Road for disposal. Since 1981 Harris has been using Cimcool as a coolant/lubricant. Prior to 1981 Trimsol was used. Cimcool is non-hazardous according to manufacturers data (see attachments). Although Cimcool is non-hazardous, Harris Corp is shipping the waste coolants as a hazardous waste for recycling (See photo #4). Trimsol is non-toxic and is not a hazard due to inhalation according to manufacturers data (see attachments). a local resident) submitted a CERCLA Notification form stating Harris Corporation was disposing of wastes in a pit on top of the hill behind the plant from 1965 to 1980. Discussions with Harris personnel revealed that at times between 1969 and 1971 some coolants and oils were dumped in a 20x20x10 feet pit on top of the hill east of the plant (see photos 11 & 12 and attachments). In a telephone discussion with it was alleged that coolants and oils were disposed of in the area which is now the northeast parking lot at Harris Corporation (See photo nos. 7, 8, 9, 10). However, mentioned nothing of the pit east of the site, but rather he seemed somewhat confused as to the type and area of dumping.

PHOTO #1

Photographer / Witness

L. LANDRY / M. BENNER

Date / Time / Direction

04-26-83 / 1045 / SOUTHEAST

Comments: DRUM STORAGE AREA - SOME EMPTY & SOME PARTIALLY FILLED DRUMS.

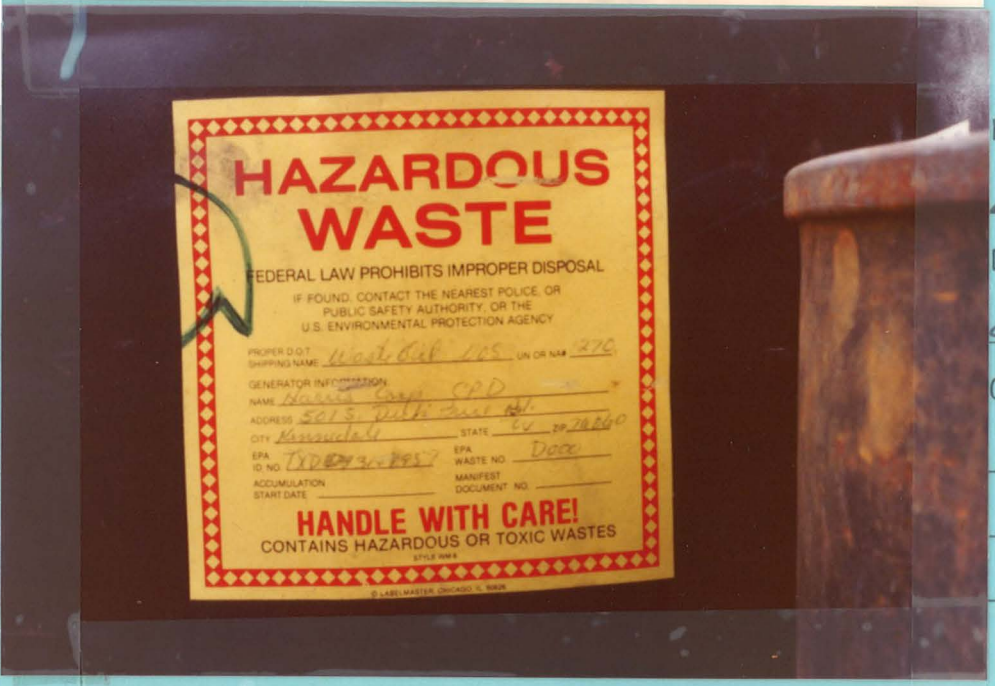


PHOTO #2

Photographer / Witness

L. LANDRY / M. BENNER

Date / Time / Direction

04-26-83 / 1046 / NORTH

Comments: WASTE OIL DRUM LABEL

PHOTO #3

Photographer / Witness

L. LANDRY / M. BENNER

Date / Time / Direction

04-26-83 / 1047 / SOUTH

Comments: COOLANT DRUM

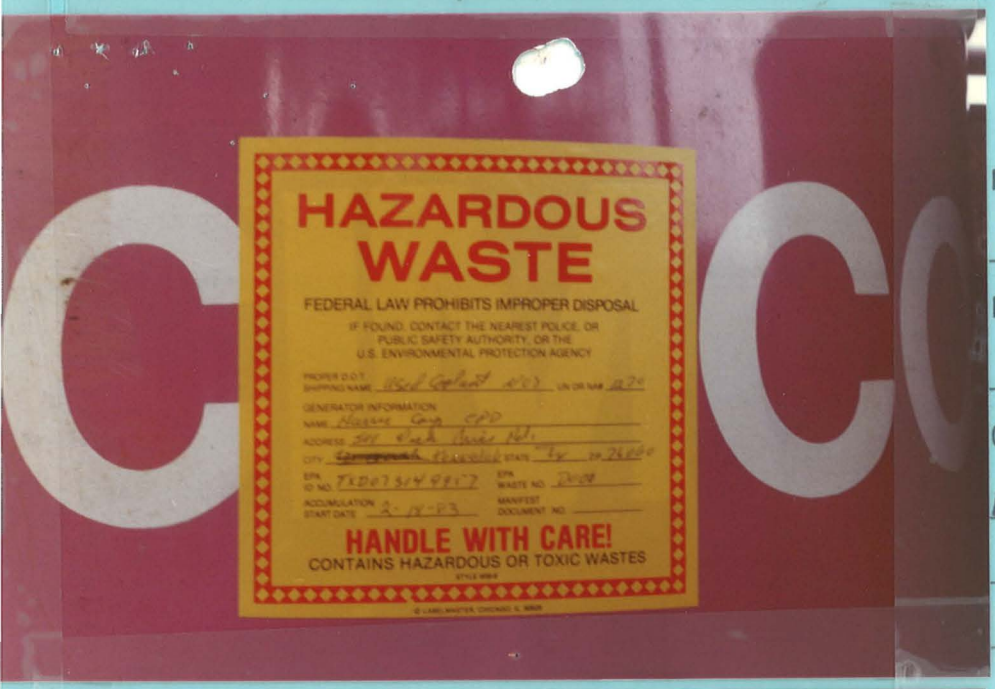


Photo #4

Photographer / Witness

L. Landry / M. Benner

Date / Time / Direction

04-26-83 / 1049 / West

Comments: Label on Used Coolant Drum

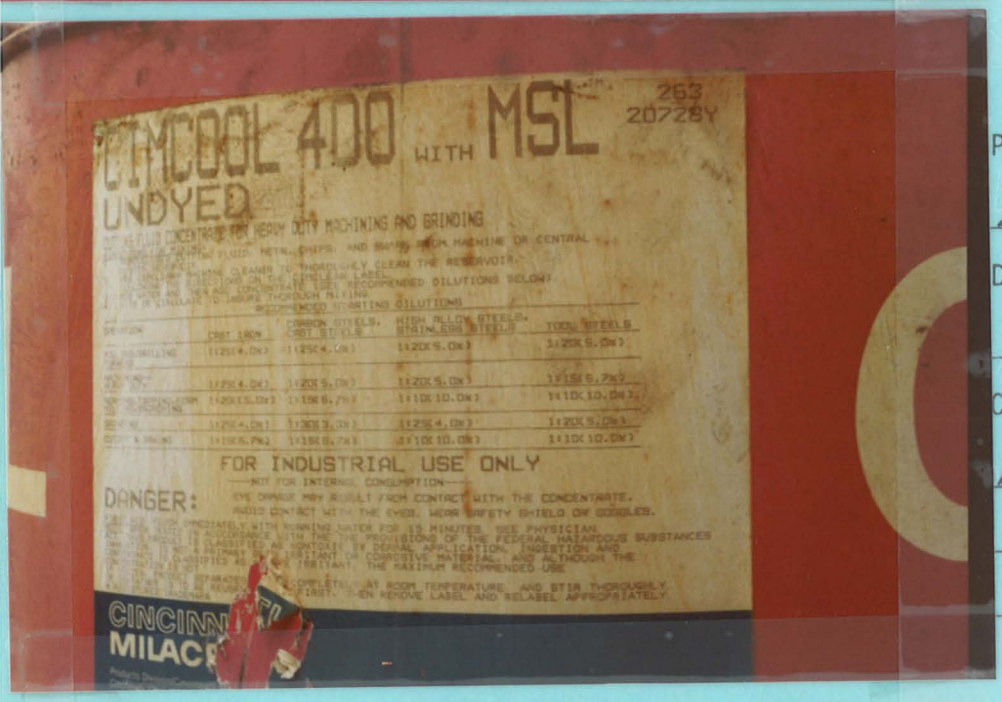


Photo #5

Photographer / Witness

L. Landry / M. Benner

Date / Time / Direction

04-26-83 / 1050 / West

Comments: Label on Coolant Drum

Photo #6

Photographer / Witness

L. Landry / M. Benner

Date / Time / Direction

04-26-83 / 1051 / West

Comments: Full drum storage area prior to shipping — 16 drums

Photo Nos. 7, 8, 9, 10

Photographer / Witness

L. LANDRY / M. BENNER

Date / Time / Direction

04-26-83 / 1100 / NORTHEAST

Comments:

ALLEGED DUMPING AREA AT PARKING LOT AND AREA NORTHEAST OF LOT.

PHOTO NOS. 11 & 12

Photographer / Witness

L. LANDRY / M. BEANER

Date / Time / Direction

04-26-93 / 1145 / NORTH

Comments:

AREA OF PIT ACROSS

FROM 505 LINDA LANE

TRIM SOL

DATA AND INFORMATION

July, 1978

GENERAL DESCRIPTION:

TRIM® SOL is a CHEMICAL EMULSION CONCENTRATE containing a STABLE CHLORINE additive which acts as a FRICTION REDUCING LUBRICANT. This product is designed for a wide variety of metal removal operations on most FERROUS METALS and many non-ferrous metals such as BRASS, COPPER and ALUMINUM.

ADVANTAGES:

- WIDE RANGE JOB APPLICATION from tough assignments such as gear hobbing and broaching to lighter duties like turning. TRIM® SOL has proven EQUALLY EFFECTIVE.
- EASILY ADAPTABLE to NON-FERROUS and FERROUS METALS including tough STAINLESS STEEL ALLOYS; even delivers good finish on soft materials such as ALUMINUM ALLOYS.
- STABILITY. TRIM® SOL forms an extremely tight emulsion of fine particle size. This tight, stable emulsion allows TRIM® SOL to be run for extended periods without pump-outs.
- HOUSEKEEPING IS EASY with TRIM® SOL'S built-in CLEANING ACTION—metal chips and dirt will not build-up, therefore machines stay CLEAN.
- FLUID RESIDUE prohibits sticky ways and slides—a most important consideration in the operation of AUTOMATIC and NUMERICALLY CONTROLLED MACHINES.

Available in 5 gallon and 54 gallon Drums and Tank Wagon Lots.

PHYSICAL PROPERTIES: (TYPICAL DATA)

Form..... Fluid
Color..... Dark Green
Specific Gravity..... .99
Odor..... Mild
Pour Point..... −20°F (−28.9°C)
Flash Point..... (Cleveland Open Cup) 305°F (151.7°C)
Fire Point..... (Cleveland Open Cup) 370°F (187.8°C)
Viscosity..... 301 SSU@100°F (37.8°C)
Residue..... Liquid
pH..... 9.2 at 2% conc. 9.4 at 5% conc.

see back cover for recommended usage:

Dear Customer

You are about to use the finest metalworking fluid concentrate available today. However, as is the case with practically all metalworking fluids, there are a few potential risks involved with its use. Fortunately, by observing the following simple, common sense precautions these risks can be reduced to a bare minimum.

Obviously this product is not designed to be consumed internally and it may be harmful if swallowed. Should this product be accidentally ingested, do not induce vomiting. Instead have the stomach pumped. Be sure to contact the plant safety director or a physician.

This product possesses many properties similar to those of a soap or detergent. Because of this it may cause eye irritation or damage if splashed into the eyes. Use of safety glasses or goggles is suggested. Should eye contact occur, flush with clean water for 15 minutes and contact the safety director or a physician.

Along these same lines, this product may cause minor skin irritation ("dishpan hands") upon repeated or prolonged contact. If this should happen, the safety director or physician should be consulted for appropriate skin protection.

This product is not designed for use with magnesium, cadmium, lead or alloys containing substantial concentrations of these metals. Should it be used with these metals, there is a chance of product deterioration, adverse health effects and corrosion of work materials and machine parts and fixtures.

This product should not be mixed with other metalworking fluids or metalworking fluid additives as this may produce adverse health effects as well as diminish the effectiveness of its intended purpose. If inadvertent contamination should occur, please contact Master Chemical Corporation for recommended action.

This product is mentioned in a NIOSH report that was published in August of 1976.* The report stated that during the course of the study reliable tests had been run and it was determined that this product "... is non-toxic and is not a hazard due to inhalation."

Because this product is a lubricant it is only logical to expect that spills and areas of residue deposits will cause slippery conditions. Spills and/or residue deposits should be cleaned up immediately. Cleaning materials appropriate for the situation should be used. Also, care should be taken to avoid contaminating this product with the cleanup materials.

Toxicity Data (10% solution in deionized water)

TRIM® SOL has undergone tests for determination of inhalation toxicity, acute oral toxicity, eye irritation and skin irritation. A brief synopsis of each test follows.

The inhalation toxicity study, carried out with Wistar-Sherman strain albino rats, showed TRIM® SOL to be non-toxic for inhalation. This conclusion has been supported by a recent NIOSH study (Report #76-23-319) in which they state TRIM® SOL is non-toxic and is not a hazard due to inhalation.

The acute oral toxicity study was also carried out with Wistar-Sherman strain albino rats. This study showed TRIM® SOL to have an acute oral LD_{50} greater than 5.0 g/kg, thus classifying it as a non-toxic substance.

The eye irritation study utilized New Zealand albino rabbits. Although there was no perceptible irritation when the eyes were washed after a 4 second exposure, the test results did indicate that TRIM® SOL is a slight eye irritant.

The dermal study was run in the form of a repeated insult patch test using human volunteers. The test results demonstrated TRIM® SOL not to be a primary irritant or a sensitizing agent. However, in a small percentage of the subjects TRIM® SOL exhibited properties characteristic of a fatiguing agent.

Complete test results are available upon request from the Health & Safety Department of Master Chemical Corporation.

*The Health Hazard Evaluation Toxicity Determination Western Gear Corporation Jamestown North Dakota
[illegible] 76-23-319

SOLUTION-TYPE CUTTING FLUID WITH SYNTHETIC LUBRICANT FOR HEAVY-DUTY APPLICATIONS

CIMCOOL® 400 WITH MSL™

DESCRIPTION

CIMCOOL 400 cutting fluid contains a unique synthetic lubricant, MSL, developed and patented by Cincinnati Milacron. CIMCOOL 400 is a clear, water-based chemical solution which is free of mineral oil, phenols, mercurials, phosphates, PCB's, PTBBA, diethanolnitrosamine, chlorine, sulfur, and boron compounds.

APPLICATION

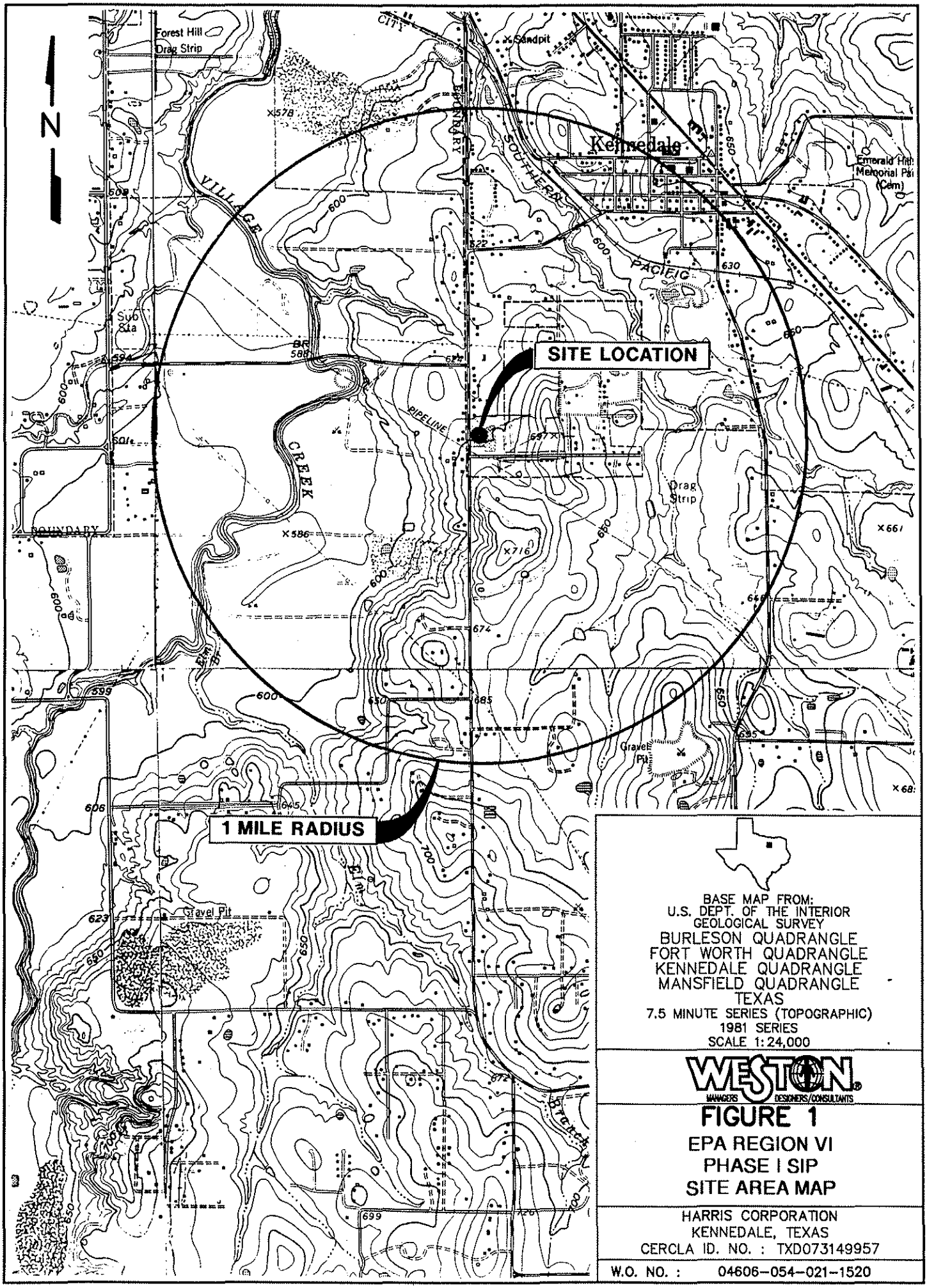
Recommended for heavy-duty machining and grinding of steel and cast iron to replace cutting oils and soluble oils. Especially effective for machining and grinding alloy steels and exotic metals.

MAJOR ADVANTAGES

- Very economical — low makeup rates (1:60-1:100)
- Provides exceptional tool life — patented synthetic lubricant outperforms the cut zone lubricity obtained with oil-based extreme pressure cutting fluids
- Results in very high productivity — infrequent tool changes; higher speeds and feeds than with heavy-duty soluble oils
- Reduces heat (the enemy of tool life) during chip formation
- Eliminates oil mists associated with petroleum products; excellent cleanliness properties
- Provides extraordinary mildness properties
- Will not emulsify large amounts of tramp oil
- Leaves a soft or slightly liquid residual film that is rinsable
- The *true* synthetic — contains a new proprietary synthetic lubricant developed by CIMCOOL chemists

CINCINNATI MILACRON

REFERENCE 2



BASE MAP FROM:
U.S. DEPT. OF THE INTERIOR
GEOLOGICAL SURVEY
BURLESON QUADRANGLE
FORT WORTH QUADRANGLE
KENNEDALE QUADRANGLE
MANSFIELD QUADRANGLE
TEXAS
7.5 MINUTE SERIES (TOPOGRAPHIC)
1981 SERIES
SCALE 1:24,000

WESTON
MANAGERS DESIGNERS/CONSULTANTS

FIGURE 1

EPA REGION VI
PHASE I SIP
SITE AREA MAP

HARRIS CORPORATION
KENNEDALE, TEXAS
CERCLA ID. NO. : TXD073149957

W.O. NO. : 04606-054-021-1520

REFERENCE 3

ECOLOGY AND ENVIRONMENT, INC.

REGION VI

MEMORANDUM

REVIEWED BY AEGH
David E. Price DATE 12/29/83

TO: David Peters, Chief
Hazardous Waste Section

FROM: Michael E. Benner, FIT/Hydrogeologist

THRU: K. H. Malone, Jr., RPM

DATE: November 7, 1983

SUBJ: Test Borings, Harris Corporation, Kennedale, Texas (TX10227)
TDD #R6-8307-14 TXD 073149957

On August 17, 1983 FIT members M. Benner, M. Riforgiat, A. Newton and R. Roblin met with Daniel Dowiak, Senior Environmental Engineer with Tera Corporation, who was acting as technical representative for Harris Corporation. The FIT drilled two test borings within an abandoned pit located on the hill at the southeast corner of the Harris Corporation property. The 20'x20'x8' (approximate dimensions) pit had been used for disposal of waste machining coolant/lubricant for about a six month period in 1970.

The FIT, accompanied by Mr. Dowiak, used a power auger with 4 inch diameter flights to drill and sample soils from two test borings which were located within the old pit to ascertain whether or not a potential source of groundwater contamination may exist (see figure 1). Figure 2 presents a log of materials encountered at each boring and the final completion design of each boring. No visual or olfactory evidence was observed of any contamination in either boring. Both borings were completed to a drilled depth of 9.0 feet (Boring 1 filled in to 8.7 feet). Temporary piezometers were installed in each boring to facilitate water sampling following a heavy precipitation event should it be deemed necessary pending the soil analysis results (no water was encountered in either boring). (See figure 2).

Soil samples were taken from 0 to 1.5 feet and 6.5-8.7 feet from boring 1 and 0 to 1.5 feet and 7.5 to 9.0 feet from boring 2. Soil samples were taken from the hole cuttings and directly off the auger flight. Samples were submitted to California Analytical Laboratories, Inc., Sacramento, California for inorganic analysis and Hazleton-Raltech, Madison, Wisconsin for organic analysis. Samples were split with Mr. Dowiak. Chain-of-Custody documentation is attached.

Analytical results are presented on the attached sample summary sheets. No significant amounts of metals were detected in any of the samples. Organic analysis indicated the presence of pentane in both samples from boring #1 and the 7.5 to 9.0 feet sample from boring #2. Pentane concentrations ranged from 0.0038 to 0.053 ppm. Pentane is a light volatile organic which is found in some cleaning solvents. There are no standards for pentane concentrations. All other organic compounds detected were also present in the field blank.

Based upon the low concentrations of pentane and the fact that no other contaminants were present, no further action at the Harris Corporation site is recommended.

CASE NUMBER: 1985

SITE NAME/CODE: Harris Corp.
TX 10227

CONCENTRATIONS (ppm)

	PARAMETER	EPA Sample Numbers								Mean Ambient Background 1.	
		MF 0097	MF 0098	MF 0096	1MF 0109	MF 0110				Western U. S. 2.	Eastern U. S. 2.
	Matrix Type	Soil	Soil	Soil	Soil	Blank				Soil	Soil
	Aluminum	1600	1800	1100	1300					54,000	33,000
	Chromium	10	5.3	2.5	13					38	36
	Barium		5.0	11	13					560	300
	Beryllium									0.6	0.6
	Cobalt									8	7
	Copper				46					21	14
Task 1	Iron	7900	12,000	39,00	10,000					20,000	15,000
	Nickel				5.3					16	13
	Manganese	50	48	100	130					390	290
	Zinc	2.4	3.1	2	8.4					51	36
	Boron									22	32
	Vanadium		//							66	46
	Silver									<.50	-
	Arsenic	1.4	1.1		2.4					6.1	5.4
	Antimony									<150	-
	Selenium									0.25	0.39
Task 2	Thallium									-	-
	Mercury									0.055	0.096
	Tin					2				<10	<10
	Cadmium				0.1					<1	<1
	Lead	2.8	4	3.3	7.5					18	14
	Ammonia	26	23	1.4	1.7					-	-
Task 3	Cyanide									-	-
	Sulfide									-	-
Sample Station Number		02	01	01	02						
Sample Station Location		Hole #2 7.5-9 ft.	Hole #1 6.5-8.7 ft.	Hole #1 0-1.5 ft.	Hole #2 0-1.5 ft.	Blank					

1. Ambient background concentrations apply only to soil matrix samples. Values obtained from "Geochemistry of Some Rocks, Soils, Plant and Vegetables in the Contermious United States" Geological Survey Professional Paper 574 F 1975.

2. Reference for East/West Division is the 97° W longitudinal line which bisects Region VI.

TABLE II. ORGANIC ANALYSIS SUMMARY

CASE NUMBER: 1895

SITE NAME/CODE: Harris Corporation
TX 10227

PARAMETERS					CONCENTRATIONS (ppm) EPA SAMPLE NUMBERS							
Compound	Fraction	P.P.	S.H.S.	T.I.	F2315	F2316	F2317	F2327	F2328	Lab Blank		
1, 1, 1-Trichloroethane	VOA	X			present				present	0.008		
Chloroform	VOA	X			present	0.006	present	present	present	present		
Methylene Chloride	VOA	X			0.127	present	present	0.015	present	present		
Toluene	VOA	X			present	present	present	present	present	present		
Acetone	VOA		X		0.06	0.07	0.033	2.2	0.03	present		
2-Butanone	VOA		X		present	present	present	present	present	present		
Carbon disulfide	VOA		X		present	present	present	present	present	present		
pentane	VOA			X		0.053	0.043		0.038			
benzene	VOA	X				present	present	present				
acrylonitrile	VOA	X						present				
Matrix Type					Soil	Soil	Soil		Soil			
Sample Station Number					02	01	02		01			
Sample Station Location					Hole #2 0-1.5 ft.	Hole #1 6.5-8.7 ft.	Hole #2 7.5 -9 ft.	Blank	Hole #1 0-1.5 ft.			

1. Priority Pollutant.
2. Specified Hazardous Substance.
3. Tentatively Identified.

REFERENCE 4

8212-4

POTENTIAL HAZARDOUS WASTE SITE
IDENTIFICATION AND PRELIMINARY ASSESSMENT

EPA

REGION	SITE NUMBER (to be assigned by Hq)
6	TX 10227

NOTE: This form is completed for each potential hazardous waste site to help set priorities for site inspection. The information submitted on this form is based on available records and may be updated on subsequent forms as a result of additional inquiries and on-site inspections.

GENERAL INSTRUCTIONS: Complete Sections I and III through X as completely as possible before Section II *(Preliminary Assessment)*. File this form in the Regional Hazardous Waste Log File and submit a copy to: U.S. Environmental Protection Agency; Site Tracking System; Hazardous Waste Enforcement Task Force *(EN-335)*; 401 M St., SW; Washington, DC 20460.

I. SITE IDENTIFICATION

A. SITE NAME: Harris Corporation

B. STREET *(or other identifier)*: 500 Dick Price Road

C. CITY: Kennedale

D. STATE: TX

E. ZIP CODE: 76119

F. COUNTY NAME: Tarrant

G. OWNER/OPERATOR *(If known)*

1. NAME: Harris Corp. John D. Adams
P.O. Box 15247 Ft. Worth, TX 76119

2. TELEPHONE NUMBER: 817/478-5431

H. TYPE OF OWNERSHIP

☐ 1. FEDERAL ☐ 2. STATE ☐ 3. COUNTY ☐ 4. MUNICIPAL ☒ 5. PRIVATE ☐ 6. UNKNOWN

I. SITE DESCRIPTION: From 1965 to 1980, printing press wastes were reportedly dumped in a pit located on a hill behind the plant. Also the plant give off an unknown odor, according to the CERCLA Notification.

J. HOW IDENTIFIED *(i.e., citizen's complaints, OSHA citations, etc.)*: Citizen complaint - Notice received on CERCLA Notification form by person not connected with the site.

K. DATE IDENTIFIED *(mo., day, & yr.)*: 06-09-81

L. PRINCIPAL STATE CONTACT

1. NAME: Unknown

2. TELEPHONE NUMBER:

II. PRELIMINARY ASSESSMENT *(complete this section last)*

A. APPARENT SERIOUSNESS OF PROBLEM

☐ 1. HIGH ☐ 2. MEDIUM ☐ 3. LOW ☐ 4. NONE ☒ 5. UNKNOWN

TXD 073 149 957

B. RECOMMENDATION

☐ 1. NO ACTION NEEDED *(no hazard)*

☐ 2. IMMEDIATE SITE INSPECTION NEEDED
a. TENTATIVELY SCHEDULED FOR:
b. WILL BE PERFORMED BY:

SUPERFUND FILE

FEB 03 1993

☐ 3. SITE INSPECTION NEEDED
a. TENTATIVELY SCHEDULED FOR:
b. WILL BE PERFORMED BY:

☒ 4. SITE INSPECTION NEEDED (Coordinated)

REORGANIZED

C. PREPARER INFORMATION

1. NAME: Michael Benner

2. TELEPHONE NUMBER: 214-742-6601

3. DATE *(mo., day, & yr.)*: 01-26-83

III. SITE INFORMATION

A. SITE STATUS

☐ 1. ACTIVE *(Those industrial or municipal sites which are being used for waste treatment, storage, or disposal on a continuing basis, even if infrequently.)*

☐ 2. INACTIVE *(Those sites which no longer receive wastes.)*

☒ 3. OTHER *(specify)*: Plant Active-status of disposal area as reported on CERCLA notification is unknown. *(Those sites that include such incidents like "midnight dumping" where no regular or continuing use of the site for waste disposal has occurred.)*

B. IS GENERATOR ON SITE?

☐ 1. NO ☒ 2. YES *(specify generator's four-digit SIC Code)*: 3555

C. AREA OF SITE *(in acres)*: Unknown

D. IF APPARENT SERIOUSNESS OF SITE IS HIGH, SPECIFY COORDINATES

1. LATITUDE *(deg.-min.-sec.)*: Unknown

2. LONGITUDE *(deg.-min.-sec.)*: Unknown

E. ARE THERE BUILDINGS ON THE SITE?

☐ 1. NO ☐ 2. YES *(specify)*: Unknown

Continue On Reverse

Continued From Front

IV. CHARACTERIZATION OF SITE ACTIVITY

Indicate the major site activity(ies) and details relating to each activity by marking 'X' in the appropriate boxes.

'X'	A. TRANSPORTER	'X'	B. STORER	'X'	C. TREATER	'X'	D. DISPOSER
	1. RAIL		1. PILE		1. FILTRATION		1. LANDFILL
	2. SHIP		2. SURFACE IMPOUNDMENT		2. INCINERATION		2. LANDFARM
	3. BARGE		3. DRUMS		3. VOLUME REDUCTION		3. OPEN DUMP
	4. TRUCK		4. TANK, ABOVE GROUND		4. RECYCLING/RECOVERY	X	4. SURFACE IMPOUNDMENT
	5. PIPELINE		5. TANK, BELOW GROUND		5. CHEM./PHYS. TREATMENT		5. MIDNIGHT DUMPING
	6. OTHER (specify):		6. OTHER (specify):		6. BIOLOGICAL TREATMENT		6. INCINERATION
					7. WASTE OIL REPROCESSING		7. UNDERGROUND INJECTION
					8. SOLVENT RECOVERY		8. OTHER (specify):
					9. OTHER (specify):		

E. SPECIFY DETAILS OF SITE ACTIVITIES AS NEEDED Since an unknown quantity of undefined wastes were reportedly disposed of in a pit behind the plant over a 15 year period, (1965-1980), it is recommended that the FIT be tasked to perform a site reconnaissance inspection to determine whether any hazards exist.

V. WASTE RELATED INFORMATION

A. WASTE TYPE

[X] 1. UNKNOWN [ ] 2. LIQUID [ ] 3. SOLID [ ] 4. SLUDGE [ ] 5. GAS

B. WASTE CHARACTERISTICS

[X] 1. UNKNOWN [ ] 2. CORROSIVE [ ] 3. IGNITABLE [ ] 4. RADIOACTIVE [ ] 5. HIGHLY VOLATILE
[ ] 6. TOXIC [ ] 7. REACTIVE [ ] 8. INERT [ ] 9. FLAMMABLE

[ ] 10. OTHER (specify):

C. WASTE CATEGORIES

1. Are records of wastes available? Specify items such as manifests, inventories, etc. below.

Unknown

2. Estimate the amount (specify unit of measure) of waste by category; mark 'X' to indicate which wastes are present.

a. SLUDGE	b. OIL	c. SOLVENTS	d. CHEMICALS	e. SOLIDS	f. OTHER
AMOUNT Unknown	AMOUNT Unknown	AMOUNT Unknown	AMOUNT Unknown	AMOUNT Unknown	AMOUNT Unknown
UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE
'X' (1) PAINT, PIGMENTS	'X' (1) OILY WASTES	'X' (1) HALOGENATED SOLVENTS	'X' (1) ACIDS	'X' (1) FLYASH	'X' (1) LABORATORY PHARMACEUT.
(2) METALS SLUDGES	(2) OTHER (specify):	(2) NON-HALOGNTD. SOLVENTS	(2) PICKLING LIQUORS	(2) ASBESTOS	(2) HOSPITAL
(3) POTW		(3) OTHER (specify):	(3) CAUSTICS	(3) MILLING/ MINE TAILINGS	(3) RADIOACTIVE
(4) ALUMINUM SLUDGE			(4) PESTICIDES	(4) FERROUS SMLTG. WASTES	(4) MUNICIPAL
(5) OTHER (specify):			(5) DYES/INKS	(5) NON-FERROUS SMLTG. WASTES	(5) OTHER (specify):
			(6) CYANIDE	(6) OTHER (specify):	
			(7) PHENOLS		
			(8) HALOGENS		
			(9) PCB		
			(10) METALS		
			(11) OTHER (specify)		

Continue On Page 3

Continued From Page 2

V. WASTE RELATED INFORMATION *(continued)*

13. LIST SUBSTANCES OF GREATEST CONCERN WHICH MAY BE ON THE SITE *(place in descending order of hazard)*.

Unknown

14. ADDITIONAL COMMENTS OR NARRATIVE DESCRIPTION OF SITUATION KNOWN OR REPORTED TO EXIST AT THE SITE.

Wastes disposed of reportedly consist of organics, solvents, bases and unknowns. The operation is a RCRA notifier(TXD 073149957). The TDWR Notice of Registration indicate generated wastes to be heavy metals bearing sludges.(See attached TDWR notice)

VI. HAZARD DESCRIPTION

A. TYPE OF HAZARD	B. POTENTIAL HAZARD *(mark 'X')*	C. ALLEGED INCIDENT *(mark 'X')*	D. DATE OF INCIDENT *(mo., day, yr.)*	E. REMARKS
1. NO HAZARD				
2. HUMAN HEALTH				
3. NON-WORKER INJURY/EXPOSURE				
4. WORKER INJURY				
5. CONTAMINATION OF WATER SUPPLY				
6. CONTAMINATION OF FOOD CHAIN				
7. CONTAMINATION OF GROUND WATER				
8. CONTAMINATION OF SURFACE WATER				
9. DAMAGE TO FLORA/FAUNA				
10. FISH KILL				
11. CONTAMINATION OF AIR				
12. NOTICEABLE ODORS				
13. CONTAMINATION OF SOIL				
14. PROPERTY DAMAGE				
15. FIRE OR EXPLOSION				
16. SPILLS/LEAKING CONTAINERS/ RUNOFF/STANDING LIQUIDS				
17. SEWER, STORM DRAIN PROBLEMS				
18. EROSION PROBLEMS				
19. INADEQUATE SECURITY				
20. INCOMPATIBLE WASTES				
21. MIDNIGHT DUMPING				
22. OTHER *(specify)*:				Hazard Potential unknown

Continue On Reverse

VII. PERMIT INFORMATION

A. INDICATE ALL APPLICABLE PERMITS HELD BY THE SITE.

☐ 1. NPDES PERMIT ☐ 2. SPCC PLAN ☐ 3. STATE PERMIT *(specify)*:

☐ 4. AIR PERMITS ☐ 5. LOCAL PERMIT ☐ 6. RCRA TRANSPORTER

☐ 7. RCRA STORER ☐ 8. RCRA TREATER ☐ 9. RCRA DISPOSER

☒ 10. OTHER *(specify)*: Current operation has RCRA permit TXD 073149957

B. IN COMPLIANCE?

☐ 1. YES ☐ 2. NO ☒ 3. UNKNOWN

4. WITH RESPECT TO *(list regulation name & number)*:

VIII. PAST REGULATORY ACTIONS

☐ A. NONE ☐ B. YES *(summarize below)*

Unknown

IX. INSPECTION ACTIVITY *(past or on-going)*

☐ A. NONE ☐ B. YES *(complete items 1,2,3, & 4 below)*

1. TYPE OF ACTIVITY	2. DATE OF PAST ACTION (mo., day, & yr.)	3. PERFORMED BY: (EPA/State)	4. DESCRIPTION
Unknown			

X. REMEDIAL ACTIVITY *(past or on-going)*

☐ A. NONE ☐ B. YES *(complete items 1, 2, 3, & 4 below)*

1. TYPE OF ACTIVITY	2. DATE OF PAST ACTION (mo., day, & yr.)	3. PERFORMED BY: (EPA/State)	4. DESCRIPTION
Unknown			

NOTE: Based on the information in Sections III through X, fill out the Preliminary Assessment *(Section II)* information on the first page of this form.

REFERENCE 5

RAND McNALLY

1994 Road Atlas

l McNally Smooths the Way....

a wealth of exciting travel destinations, one ure to provide the perfect vacation for you! s to find the latest information on what's nat's most appealing to *you*!

ations previews exciting travel destinations, g many choices for all ages and interests. brings you up to date on new attractions information. And Great Regional Drives plore America's best scenic and historic handy travel planning directories and charts ck state laws, book your hotel, or choose a e or event to experience. Valuable discount you save money along the way.

important part of any trip is knowing where g and the best way to an your route with our , detailed and accu- lere's how....

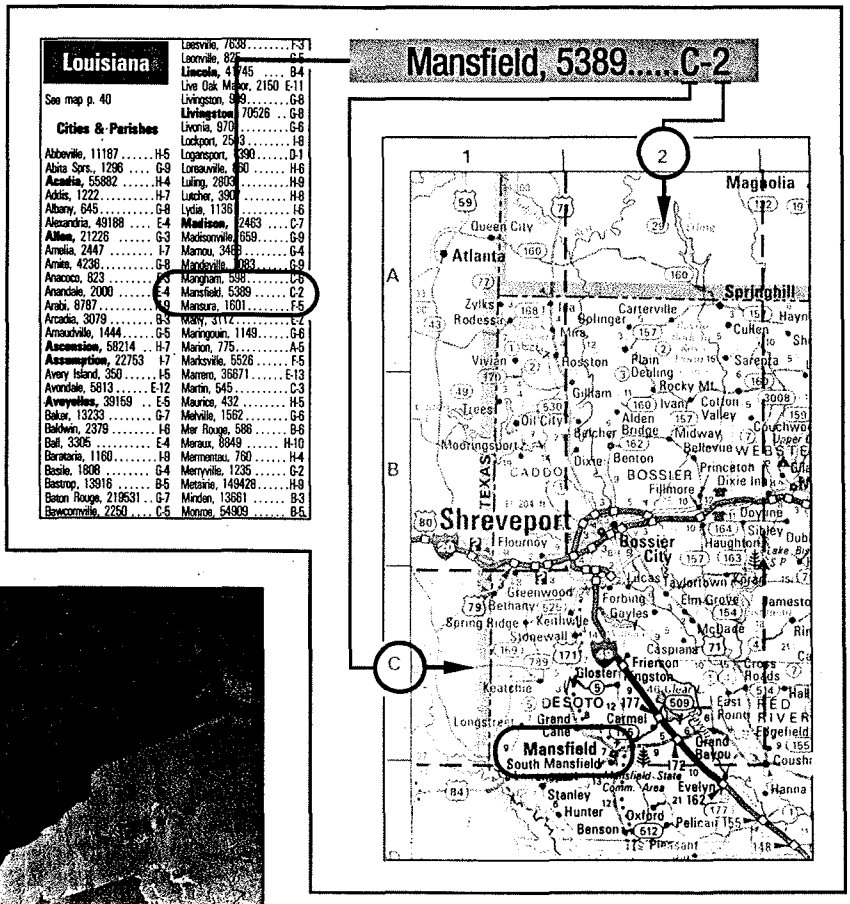
your destination by e alphabetical state al index, beginning on r example, to find the sfield, Louisiana, look ana. Mansfield has a y of C-2.

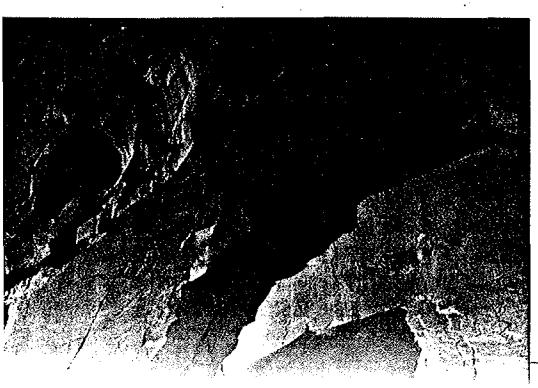
d the Louisiana map d look down the left- the letter "C." Draw line across the map ects with an imagi- nary line drawn down from the number "2" at the top of the map. Mansfield will be within the one-inch square surrounding this point.

3. If your trip spans more than one state or province, consult the appropriate overview map to get a general idea of your itinerary. The U.S. overview map is on pages 2–3. Canada and Mexico are on pages 109 and 120 respectively.

4. Use the appropriate state or provincial maps to plan your detailed route. State maps are arranged alphabetically. Provincial maps are arranged from west to east.

Have a great trip!





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Rockbr...
Rockin...
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S. Bosto...
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17550
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15480
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